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·				Application Number	09/841,683	
INF	ORMATION	DISC	CLOSURE	Filing Date	April 24, 2001	
ST	ATEMENT E	BY AF	PPLICANT	First Named Inventor	Hu, Yi	
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Sheet	1	of	3	Attorney Docket Number	LEX-0167-USA	

			U.S. PATENT DOCUMENT	S	
Examiner nitials*	Cite No.¹	U.S. Patent Document Kind Code² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	4,215,051	Schroeder et al	07/29/80	rigules Appear
	AB	4,376,110	David et al	03/08/83	
	AC	4,594,595	Struckman	06/10/86	
	AD	4,631,211	Houghten	12/23/86	
	AE	4,689,405	Frank et al	08/25/87	
Ĩ	AF	4,713,326	Dattagupta et al	12/15/87	
	AG	4,873,191	Wagner et al	10/10/89	
	AH	4,946,778	Ladner et al	08/07/90	
	Al	5,252,743	Barrett et al	10/12/93	
	AJ	5,424,186	Fodor et al	б6/13/95	
	AK	5,445,934	Fodor et al	08/29/95	
	AL	5,459,127	Feigner et al	10/17/95	, , , , , , , , , , , , , , , , , , ,
	AM	5,556,752	Lockhart et al	09/17/96	
	AN	5,700,637	Southern	12/23/97	
	AO	5,744,305	Fodor et al	04/28/98	
	AP	5,837,458	Minshull et al	11/17/98	
	AQ	5,869,336	Meyer et al.	02/09/99	· · · · · · · · · · · · · · · · · · ·
	AR	5,877,397	Lonberg et al	03/02/99	
	AS	5,948,767	Scheule et al.	09/07/99	
	AT	6,075,181	Kucherlapati et al	06/13/00	
	AU	6,110,490	Thierry .	08/29/00	
	AV	6,150,584	Kucherlapati et al.	11/21/00	
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				Group Art Unit	1645	
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS									
Examiner Initials*	Cite No. ¹	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.									
	AW	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.									
	AX	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.									
	AY	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.									
	AZ	Gautier et al, 1987, "α-DNA IV:α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physiochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.									
	ВА	Gordon, 1989, "International Review of Cytology", 115:171-229.									
	88	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.									
	ВС	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.									
	BD	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.									
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	BF	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.									
	BG	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.									
	вн	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.									
	BI	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.									
	BJ	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.									
	ВК	Lavitrano et al, 1989, "Sperm Cells ad Vectors for Introducing Froeign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.									
	BL	Lo, 1983, "Transformation by Iontophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. Cell. Biology 3(10):1803-1814.	&								
	ВМ	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.									
	BN	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster aprt Gene", Cell 22:817-823.									
	во	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.									
	ВР	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.	ŀ								
	BQ	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.									
	BR	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.									
·		O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.									
		Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.									
		Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.									

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				Filing Date	April 24, 2001	
SIF	ATEMENT BY	Ar	PLICANT	First Named Inventor	Hu, Yi	
				Group Art Unit	1645	
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Sheet	3	of	3	Attorney Docket Number	LEX-0167-USA	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
	BV	Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.	
	BW	Smithies, 1985, "Insertion of DNA sequences into the human chromosomal β-globin locus by homologous recombination Nature 317:230-234.	
	вх	Songyang et al, 1993, "SH2 Domains Recognize Specific Phosphopeptide Sequences", Cell 72:767-778.	
	BY	Stein et al, 1988, "Physiochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.	
	BZ	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.	
	CA	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.	
	СВ	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targetin Embryonic Stern Cells", Cell 56:313-321.	g
	СС	Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.	
l a	CD	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.	
	CE	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.	
	CF	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232	
	CG	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.	

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	CI	wo	01/53455	A2	Hyseq, Inc.	07/26/01		
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				First Named Inv nt r	Hu	
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹					
	CL	Database EM_EST 'Online' EMBL; Accession No. AA454060, ID HSAA54060, 06/11/97, HILLIER L., et al., XP00219234 abstract	ļ.			
	СМ	Database EM_EST 'Online' EMBL; Accession No. AW341417, 02/01/00, NCI-CGAP: XP002193080, abstract.	Г			
	CN	Database EM_HUM 'Online' EMBL; Accession No. AJ303380, 02/12/01, MUJICA A.O, et al, "Homo sapiens mRNA for serine/threonine kinase 33 (STK33 gene);, XP002192355, abstract.				
	co	MUJICA, A.O. et al., "A novel serine/threonine kinase gene, STK33, on human chromosome 11p15.3," Gene: An Internaitonal Journal on Genes and Gnomes, Elsevier Science Publishers, Barking, GB, Vol. 280, No. 1-2, 12/12/01, pg. 175-181, XP004313178.				
	CP	NAIRN, A.C., et al., "Calcium/calmodulin dependent protein kinases," Seminars in Cancer Biology, Saunders Scientific Publications, Philadelphia, PA, Vol. 5, 1994, pg. 295-303, XP002097695				
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